

WHAT IS CLAIMED IS:

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1. A method to produce one or more cDNA molecules comprising:

- 5 (a) contacting a sample comprising one or more mRNA templates with a solid support; and
- (b) contacting said templates with one or more reverse transcriptases under conditions sufficient to synthesize one or more cDNA molecules complementary to all or a portion of said templates.
2. The method of claim 1, wherein said cDNA is a cDNA library.
- 10 3. The method of claim 1, wherein said mRNA is removed from said support prior to said cDNA synthesis.
4. The method of claim 1, wherein said cDNA is double-stranded.
5. The method of claim 1, further comprising amplifying said cDNA.
- 15 6. A method for storing an RNA molecule, comprising:
- (a) contacting a cell comprising an RNA molecule to be stored with a solid support; and
- (b) drying the cell and the solid support.
7. The method of claim 6, wherein the solid support is FTA®
- 20 paper.